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Biological Effects of Oil Pollution

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Biological Effects of Oil Pollution

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BIOLOGICAL EFFECTS OF OIL POLLUTION

SELECTED BIBLIOGRAPHY II

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This report has been reviewed by the Environmental Protection Agency and approved for publication.

FOREWORD

Man and his environment must be protected from the adverse effects of pesticides, radiation, noise and other forms of pollution, and the unwise management of solid waste. Efforts to protect the environment require a focus that recognizes the interplay between the components of our physical environment - air, water, and land. This focus is provided by the multidisciplinary programs of the National Environmental Research Centers, which are engaged in studies on the effects of environmental contaminants on man and the biosphere and in a search for ways to prevent contamination and recycle valuable resources.

Andrew W. Breidenbach, Ph.D.
Director, National Environmental
Research Center, Cincinnati

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ABSTRACT

This bibliography is an updating of FWPCA's 1969 report number DAST-19. References on the biological effects of oil include general aspects, specific spill incidents, general effects, carcinogenic effects, microbial utilization, and the effects on birds, fish, shellfish, marine and freshwater invertebrates, plants, and dissolved oxygen.

KEY WORDS: Algae, aquatic animals, aquatic invertebrates, aquatic plants, bibliography, biodegradation, birds, effects of oil, environmental effects, marine animals, marine invertebrates, marine plants, oil, oil pollution, oil spills, petroleum, pollution, water pollution.

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INTRODUCTION

With the advent of the environmental era, oil pollution has risen to new priorities of international concern. Part of this new involvement concerns the effects of oil, both crude and refined, upon the biosphere. Scientists and layman are seeking information that can be used to augment newer and stronger approaches to solving environmental problems, including those involving oil.

This bibliography is an addendum to BIOLOGICAL EFFECTS OF OIL POLLUTION - BIBLIOGRAPHY, Water Pollution Control Series, DAST-19, prepared by Donna Radcliffe and Dr. Thomas Murphy, FWPCA, Edison Water Quality Laboratory, Northeast Region Research and Development Program, in October 1969. Careful attention has been given to avoid duplication of citations listed in the previous bibliography. Most of the entries in this addendum represent publications issued within the past two years. With the vast number of articles in the many journals and publications confronting us today, it is unrealistic to believe that we have compiled an absolutely complete bibliography. The writers express apologies to authors for omissions of their work. The previous format has been reproduced to maintain conti y.

Any comments concerning entries, especially additions, would be greatly appreciated. A bibliography should be a dynamic tool of researchers; always remaining in a state of revision and updating.

Address inquires and additions to:

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Edison, New Jersey 08817

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